## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,672,392 B2

APPLICATION NO.: 10/549,449

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INVENTOR(S) : Johansson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 1, Line 32, delete " $S_i(t)$ " and insert - -  $S_i(t)$  - -, therefor.

In Column 1, Line 60, in Equation (1), delete " $E_{av} = \frac{1}{\|M\|} \sum_{i=0}^{\|M\|-1} E_i =$ "

on Column 1, Line 60, in Equation (1), delete "
$$E_{av} = \frac{1}{\|M\|} \sum_{i=0}^{\|M\|-1} E_i$$
and insert - - , therefor.

In Column 5, Line 55, delete " $\hat{\mathbf{m}}_{N-1}$ " and insert -  $\hat{\mathbf{m}}_{N-1}$  --, therefor.

In Column 7, Line 11, delete " $x_2$ ," and insert - -  $s_2$ , - -, therefor.

In Column 9, Line 52, in Claim 14, delete "(QAM)" and insert - - (QAM). - -, therefor.

In Column 10, Line 3, in Claim 16, after "(400)", delete "or receiver (404)".

In Column 10, Line 5, in Claim 16, delete " $s_3$ " and insert - -  $s_3$ }, - -, therefor.

In Column 10, Line 30, in Claim 24, delete "13,," and insert - - 13, - -, therefor.

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